

Title (en)

METHOD AND SYSTEM FOR CONSTANT TEMPERATURE CONTROL OF MOTORIZED SPINDLES

Title (de)

VERFAHREN UND SYSTEM ZUR KONSTANTEN TEMPERATURSTEUERUNG VON MOTORISIERTEN SPINDELN

Title (fr)

PROCÉDÉ ET SYSTÈME DE RÉGULATION DE TEMPÉRATURE CONSTANTE DE BROCHES MOTORISÉES

Publication

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Application

**EP 18879586 A 20181115**

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Abstract (en)

[origin: WO2019095009A1] The present invention provides a method and system for controlling the temperature of an electric motor by adjusting the electric losses in the motor. In an embodiment, the required load on the motor is determined and a first motor voltage is provided to meet the required load. A predetermined temperature set point for the motor is compared against the temperature of the motor and based on the temperature of the motor and the predetermined temperature set point, a secondary motor voltage is determined. The motor voltage may then be adjusted based on the calculated voltage and the motor load measurement adjusted based on the measured motor speed and actual motor voltage.

IPC 8 full level

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